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ABSTRACT OF THE DISCLOSURE

In order to provide an image processing apparatus which can satisfy both requirements for the balance between a storage time in a high-resolution mode and
5 that in a low-resolution mode and high-speed reading operation in the low-resolution mode, the image processing apparatus of this invention includes an image sensing unit which includes a first element array having a plurality of photoelectric conversion elements
10 arranged in a line, and a second element array shifted from the first element array by a predetermined distance in a main scanning direction and having a plurality of photoelectric conversion elements arranged in a line, and outputs signals of the first and second
15 element arrays from a single output portion, and a driving unit having a first mode of reading signals from the second element array and continuously outputting the signals from the output portion, and a second mode of reading signals from the first element
20 array and continuously outputting the signals from the output portion.